

**IN THE ABSTRACT:**

Please delete the current Abstract and substitute it with the new Abstract attached to this Amendment on the attached sheet.

### ABSTRACT

A shock absorber body which makes telescopic motion in response to an input from outside has a ball screw mechanism which converts the telescopic motion into rotary motion and comprises a ball nut and a screw shaft. A motor is provided coaxially with the shock absorber body. The motor generates electromagnetic resistance to oppose against the rotary motion which inputs into a rotary shaft of the motor. The screw shaft and the rotary shaft are formed as one united shaft member. Damping force which opposes against the telescopic motion of the shock absorber body is generated according to electromagnetic force of the motor.